

PRODUCTS LIST

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DENSOKU TECHNO Co., Ltd.

OTA Techno Core No. 301

6-4-17 Higashikoujiya, Ota-ku, Tokyo, 144-0033 Japan

TEL +81-3-6423-8122 FAX +81-3-6423-8123

E-mail dtec@densokutechno.co.jp

URL <http://www.densokutechno.co.jp/>

STANDARD PRODUCTS LIST



No.	Products	Model	LIST PRICE J. ¥	* Days for delivery	Specifications
1	<TPR-22 Protecting Relay Test Set>				
2	Current & Voltage Adjuster	TPR-22B	Ask	10	A Circuit 0-50A 750VA B Circuit 0-10A 250VA 0-300V 30VA
3	Current & Voltage Adjuster	TPR-22B-100	975,000	120	A Circuit 0-100A 750VA B Circuit 0-10A 250VA 0-300V 30VA
4	Current & Voltage Adjuster	TPR-22CV	682,000	105	
5	Voltage & Phase Adjuster	TPR-22PN	Ask	10	Option for TPR-22B (Power Supply AC100V)
6	Voltage & Phase Adjuster	TPR-22VP	455,000	105	Phase of Voltage or Current adjustable together with TPR-400A.
7	<TPR-400 Protecting Relay Test Set>				
8	Single Wire Adjuster	TPR-400A	570,700	90	Simultaneous output of Volt.x2 or Curr.x2 or Volt.x1 & Curr.x1
9	Single Wire Phase Adjuster	TPR-400C	555,100	90	Phase of Voltage or Current adjustable together with TPR-400A.
10	Frequency Relay Test Set	RY-2005	850,000		
11	Mimic Breaker	TZ-110BD	740,000	120	TRIP : 1, 3, 5A CLOSE : 0.5, 1, 2A 52a, 52b : 4a, 4b Digital time setting
12	<Watt-hour Meter Test Equipments>				
13	Electronic 3 phase Phantom-loading Method Tester	MT3-102	1,440,000	10	3P3W, 1P3W, 1P2W 200, 110, 100V 15VA 5-0.125A 30VA
14	Standard Type Phase Converter	QTS-26	271,000	90	Option for MT3-102
15	Precision 3-phase Power Generator	MT3-3050 New			Also for Smart meter test, 1P2W/1P3W/3P3W Current output : 5A/50VA Voltage output : 100V/50VA
16	Phantom-loading Tester	MT3-50B	1,430,000	120	
17	Phantom-loading Tester	MT3-11E	1,235,000	10	3P3W, 1P3W 200V(230-180), 100V(120-70) 80VA 5-0.25A 20VA
18	Phantom-loading Tester	MT3-32	1,157,000	150	3P3W, 1P3W, 1P2W 200V, 110V, 100V 30A-1A
19	Automatic Revolution Counter	PCS-5500N	908,000	120	RC Counter for Watt-hour Meter Test(Also for Smart meter test)
20	Photoelectric Apparatus	IRS-01	55,000	90	W Meter Marking Sensor
21	Photoelectric Apparatus	IRS-02	70,000	90	W Meter Marking Sensor Sensor as an accessory of PCS-5500N
22	Standard watt-hour meter	WHS-1200	1,000,000	30	Available for 3P3W, 1P3W and 1P2W, Accuracy $\pm 0.025\%$
23	Standard watt-hour meter	WHS-1300	1,500,000	90	Available for 3P4W, 3P3W, 1P3W and 1P2W, Accuracy $\pm 0.025\%$
24	<Automatic Instrument Transformer Test Set>				
25	Automatic Instrument Transformer Test Set	ATS-52	1,650,000	120	Measuring speed was improved, next generation to ATS-51.
26	GP-IB Module	GP-23B	110,000	30	Option : External control by a personal computer available.
27	Transformer Turn Ratio Tester	TR-211	1,846,000	120	Turn ratio from 1.0 up to 111.1 can be measured
28	AC Galvanometer	TG-12N	280,000	90	Gain high:90db ± 10 db low:70db ± 10 db 6ranges(1/1000~1/1)
29	<Standard Current Transformer>				
30	Standard Current Transformer	CT-11	634,000	90	class : 0.1 120, 100, 75, 60, 50, 37, 5, 30, 25, 24, 20, 15, 12, 10, 7.5, 6, 5, 4, 3, 2.5, 2, 1, 0.5, 0.25, 0.1
31	Standard Current Transformer	CT-12	483,000	90	class : 0.1 2K, 1.5K, 1.2K, 1K, 750, 600-, 300, 250, 200, 150, 100, 75, 50-20, 15, 10, 5/5A
32	Standard Current Transformer	CT-12C	673,000	90	class : 0.1 2K, 1.5K, 1.2K, 1K, 750, 600-, 300, 250, 200, 150, 100, 75, 50-20, 15, 10, 5/5, 1A
33	Standard Current Transformer	CT-14	578,000	90	class : 0.1 5000, 4000, 3000, 2000, 1000/5A
34	Standard Current Transformer	CT-52	320,000	90	class : 0.2 1500, 750, 500, 300, 250, 100, 50, 30, 15, 10/5A
35	Standard Voltage Transformer	PTP-664G	428,400	90	class : 0.1 6600 3300 2200 1100V/110V
36	Standard Instrument Phasing Transformer	QTP-115Z	317,300	90	class : 0.1 110/110V V-Connection Single Wire Coil
37	Standard Instrument Phasing Transformer	QTP-215Z	267,200	90	class : 0.1 220/220V V-Connection Single Wire Coil
38	Standard Instrument Phasing Transformer	QTS-7B	619,500	90	class : 0.1 110/110V V or Y Connection Single Wire Coil

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39	<Auxiliary Transformer>				
40	Auxiliary Current Transformer	CTS-211	410,000	90	Class : 0.1 5A/10-3.1A
41	Auxiliary Voltage Transformer	PTS-34	301,600	90	Class : 0.1 161.1-30V variable/100V
42	<Burden Box>				
43	For CT	BX-C401A, B	398,000	90	Type A : 5A Type B : 1A(0.5-49.5VA pf1)
44	For CT	BX-C1008A, B	1,031,000	90	Type A : 5A Type B : 1A(2.5, 3.75, 5, 6.25VA 7.5-105VA : 2.5VA Step pf0.8)
45	For CT	BB-C408A, B	591,000	90	Type A : 5A Type B : 1A(2.5, 3.75, 5, 6.25, 10, 15, 25, 40VA pf0.8)
46	For CT	BB-C1008A, B	766,000	90	Type A : 5A Type B : 1A(2.5, 3.75, 5, 6.25, 10, 15, 25, 40, 100VA pf0.8)
47	For CT	BX-C13D	1,400,000	90	Registance : 0.02, 0.04, 0.1, 0.2, 0.3, 0.4, 1.0 Inductance : 0.02-5.12mH
48	For VT	BX-P401A, B	441,000	90	Type A : 110V Type B : 150V(0-41.75VA 0.25VA Step pf1)
49	For VT	BX-P1008A, B	981,000	90	Type A : 110V Type B : 63.5V(0-108.75VA 1.25VA Step pf0.8)
50	For VT	BX-P1002A, B	1,010,000	90	Type A : 110V Type B : 63.5V(0-108.75VA 1.25VA Step pf0.2)
51	For VT	BB-P1002A, B	800,000	90	Type A : 110V Type B : 63.5V(3.75, 6.25, 12.5, 15, 25, 50, 100VA pf0.2)
52	VCT Unit	PCT-01	1,188,000	120	CTx2, VTx2 CT : 20-0.1A/5A(100,125, 150%) VT : 220,110V/110V with GP-IB
53	VCT Unit	PCT-02	1,063,000	120	CTx2, VTx2 CT : 20-0.166A/5A VT : 220,110V/110V with GP-IB
54	VCT Unit	PCT-03	1,188,000	120	CTx2, VTx2 CT : 20-0.05A/5A(100,125, 150%) VT : 220,110V/110V with GP-IB
55	VT Unit	PTU-01	950,000	120	VTx2 240-100V/110,100V with GP-IB
56	VT Unit	PTU-02	863,000	120	VTx2 220.100V/110V with GP-IB
57	VT Unit	PTU-03	950,000	120	VTx2 240-63.5V/110,100V with GP-IB
58	VT Unit	PTU-04	950,000	120	VTx2 240-63.5V/110,100V with GP-IB
59	VT Unit	PTU-05			
60	VT Unit	PTU-06	1,063,000	120	VTx3 265-63.5V/110,100V with GP-IB
61	VT Unit	PTU-07	913,000	120	VTx3 264-63.5V/63.5V Terminal type switching
62	CT Unit	CTU-01	1,350,000	120	CTx2 60-0.25A/5A(100,120,150%) with GP-IB
63	CT Unit	CTU-02	1,313,000	120	CTx1 200-0.1A/5A(100,120,125,150%) with GP-IB
64	CT Unit	CTU-03			
65	CT Unit	CTU-04	1,250,000	120	CTx1 100-6.66A-0.125A/5A(100,120,125,150%) with GP-IB
66	CT Unit	CTU-05	1,250,000	120	CTx1 100-B-0.125A/5A(100,120,125,150%) with GP-IB
67	CT Unit	CTU-06			
68	CT Unit	CTU-07	1,163,000	120	CTx2 7.5-0.25A/5A with GP-IB
69	CT Unit	CTU-08	1,413,000	120	CTx3 6-0.25A/5A with GP-IB
70	CT Unit	CTU-09	1,413,000	120	CTx3 7.5-0.125A/5A Plug type switching
71	CT Unit	CTU-10	1,713,000	120	CTx1 200-0.125A/5A(100,120,125, 150%) with GP-IB
72	QT Unit	QTU-01	470,000	120	Phase Converter 63.5V/63.5V
73	<Step-down Transformer for Current Regulation>				
74	Winding-wire type	DT-1005B	505,000	90	1000A MAX 5kVA (Duty time : 15 minutes)
75	Winding-wire type	DT-2006B	656,000	90	2000A MAX 6kVA (Duty time : 15 minutes)
76	Winding-wire type	DT-1003	552,000	90	1000A MAX 3kVA (Sequential)
77	Winding-wire type	DT-2005	781,000	90	2000A MAX 5kVA (Sequential)
78	Winding-wire type	DT-2006	781,000	90	2000A MAX 6kVA (Sequential)

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79	Pierce type	DT-20010	1,140,000	90	2000A MAX 10kVA (Sequential)
80	Pierce type	DTK-2010	1,050,000	90	2000A MAX 10kVA (Sequential)
81	Pierce type	DTK-5020	1,134,000	90	5000A MAX 20kVA (Duty time : 10 minutes)
82	<Precision Programmable Three-Phase Power Generator>(PWS-710 Series)				
83	3 phase 4 wire	PWS-710B			Production was suspended as from September, 2011. And "New Model" of next generation is under development.
84	3 phase 3 wire	PWS-710B			
85	1 phase 2 wire	PWS-710B			
86	Main Frame	PWS-710B			
87	Voltage & Current Generation Unit	VIU-710B			
88	Free Vector Generation Software	PWS-710V1.0			
89	GP-IB Module	GP-23B			
90	<Precision Programmable Three-Phase Power Generator>(PWS-307 Series)				
91	3 phase 4 wire	PWS-307	5,480,000	120	300V, 30VA/60A, 60VA MAX with W4-01
92	3 phase 3 wire	PWS-307	3,680,000	30	300V, 30VA/60A, 60VA MAX
93	1 phase 2 wire (Voltage/Current)	PWS-307	2,930,000	30	300V, 30VA/60A, 60VA MAX
94	Main Frame (Reference Signal Generator)	PWS-307C	1,430,000	30	
95	Main Frame (Reference Signal Generator)	W4-01	300,000	120	Option for 3 phase 4 wire
96	Voltage/Current Unit	PWS-307AMT	1,500,000	120	300V, 30VA/60A, 60VA MAX (Two-Element Single-Phase Output Unit)
97	Voltage Unit	PWS-307AMV	1,250,000	120	300V, 30VA MAX
98	Current Unit	PWS-307AMI	1,375,000	120	60V, 60VA MAX
99	Power Amplifier Unit	PWS-307AM	1,220,000	120	Available in set with AM, T & PWS-307C
100	Power Amplifier Unit	PWS-307T	1,030,000	30	Available in set with AM, T & PWS-307C
101	Switching Unit for Current Range	PWT-307	490,000	30	Range of 5/50A is automatically switched.
102	Free Vector Generation Software	PWS-307V2.01	410,000	30	Vector of Voltage & Current is freely adjusted.
103	GP-IB Module	GP-307C	150,000	30	GP-IB Module
104	Vector Multimeter	CDM-330	Production of CDM-330 has been discontinued in October, 2012. Thank you very much for a long term patronage from year 1994.		
105	Vector Multimeter (Color LCD)	CDM-330C	220,000	10	Color display by numerical value, vector and waveform, with CT-25C Clamp
106	CT Selector Module (with 2×CT-25C clamp)	CT-03BU	90,000	10	Option into TU-330 Display for 3 phase 4-element current vector
107	DC Clamp CT	DCT-23	27,500	10	200/20A
108	Time Counter Module	MCS-330	127,000	10	Start and stop for CONTACT/DC/AC with TU-330
109	Voltage-Phase Module	CAD-230	30,000	10	Measuring phase angle between voltages INPUT60V~120V (MAX150V)
110	Voltage-Phase Module	CAD-240	33,000	10	Measuring phase angle between voltages INPUT50V~450V (MAX500V)
111	Printer Module	PR-332	170,000	10	For printing display of CDM-330C, with mother unit TU-330
112	AC Adaptor	ACA-332	5,000	10	For AC90V-264V
113	Otional Storage Case (for CDM-330C & some options)	TU-333	19,000	10	Carrying Case for Main Body, AC Adopter & etc with extra space.
114	Mother Unit (with 2×CT-25C clamp)	TU-331B	100,000	10	Measure & display function of 3 phase 4-element numerical value built-in.
115	Mother Unit	TU-330	108,000	10	For unitize of CT-03BU, MCS-330, CAD-230 & PR-332
116	CDM Checker	CMC-230			Discontinued
117	Clamp CT (Spare)	CT-25C	21,000	10	Clamp head can be bent upto angle of 90°
118	Clamp CT (Spare)	CT-23B	9,800	10	Fixed & durable clamp head
119	Circuit Tester	TZ-89	600,000	20	Option for CDM-330C. For one function comparison test with CT-25Cs&ETC of Std. Accessory.

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No.	Products	Model	LIST PRICE J. ¥	* Days for delivery	Specifications
120	AC Multi-Function Meter	ALM-40	1,100,000	90	Available to measure minimal current, (next generation to ALM-31).
121	Digital Millisecond Counter	MCS-5000	Production discontinued and succeeded to Model : MCS-5100 soon.		
122	Digital Millisecond Counter	MCS-5100			Applicable for Contact, AC Voltage & DC Voltage
123	Carrying Case	CRC-100	19,000	10	Option for MCS-5100
124	Reference Signal Generator for time counters	MSS-11	860,000	90	Generate a signal to calibrate time counting devices
125	MSS-11 ADAPTER for 3phase simulation	MSS-11-OP01	550,000	90	Option for MSS-11, Available to simulate 3phase uneven time measurement
126	3-Pole Chattering Counter	CMM-03	873,000	90	Chattering time&number, acting time and uneven time of relay and circuit-breaker's contact points are measured
127	Printer for the above	CMM-03-PR	54,000	90	Option for CMM-03 Factory option at the time of ordering CMM-03
128	DC Voltage Adjuster	CMM-600	315,000	90	Option for CMM-03 DC voltage supply to circuit-breakers under test by CMM-03
129	3-Pulse Signal Generator	CMM-250	650,000	90	Option(Calibrator) for CMM-03 Timing of chattering, uneven time & etc are generated
130	Digital Phase-Frequency Meter	DPF-300	490,000	10	Voltage : Voltage Voltage : Current Current : Voltage Current : Current
131	Digital Phase-Frequency Meter	DPF-600	270,000	10	Frequency and timing phase angle such like thyristor wave is measured (Portable type)
132	Digital Phase-Frequency Meter	DPF-601	250,000	10	Frequency and timing phase angle such like thyristor wave is measured (Built-in unit type)
133	Standard Digital Phase Meter	DPF-1600	1,900,000	120	Accuracy : $\pm 0.005^\circ$ (At $\pm 10\%$ range of rated input)
134	Micro-Ω Meter	LR-210	540,000	90	Available to measure both for DC resistance(Ω) and AC resistance(Z), Direct reading of Ω indication
135	ELCB Tester	SBC-4N II	Ask	10	Available to test Ground-fault interrupter(Earth Leakage Breaker)of 100V/200V/400V
136	<High Voltage Test>				
137	High Voltage Test Set up to AC 3000V	ETP-3G	Ask	90	3kV 0.5kVA
138	High Voltage Test Set up to AC 12000V	ETP-2A	Ask	90	12kV 1kVA (30min. duty)
139	High Voltage Test Set up to AC 12000V	ETP-2B	Ask	90	12kV 3kVA (30min. duty)
140	High Voltage Test Set up to AC 12000V	ETP-2C	Ask	90	12kV 5kVA (30min. duty)
141	High Voltage Test Set up to AC 25000V	ET-22	Ask	90	25kV 5kVA (30min. duty)
142	High Voltage Test Set up to AC 30000V	ET-31	Ask	90	30kV 1kVA
143	High Voltage Test Set up to AC 30000V	ET-33B	Ask	90	30kV 3kVA
144	High Voltage Test Set up to AC 50000V	ET-51D	Ask	90	50kV 5kVA
145	High Voltage Test Set up to AC 100000V	ET-1010	Ask	90	100kV 10kVA (30min. duty)
146	DC High Voltage Test Set	EDP-25	Ask	90	25kV/10mA (30min. duty)
147	DC High Voltage Test Set	EDP-50	Ask	90	50kV/10mA (30min. duty)
148	DC High Voltage Test Set	EDP-70	Ask	90	70kV/10mA (30min. duty)
149	DC High Voltage Test Set	EDP-80	Ask	90	80kV/10mA (30min. duty)
150	DC High Voltage Test Set	EDP-100	Ask	90	100kV/10mA (30min. duty)
151	High Voltage Test Set for Insulation oil and Protectors	ETP-505	Ask	90	50kV 0.5kVA 1.5class 30/60kV scale
152	High Voltage Test Set for Insulation oil and Protectors	ETP-505P	Ask	90	50kV 0.5kVA 2.5class 30/60kV scale (Peak Hold Pointer)
153	High Voltage Test Set for Insulation oil and Protectors	ETP-505A	Ask	90	50kV 0.5kVA 1.5class 30/60kV and 6A/12mA scale
154	High Voltage Test Set for Insulation oil and Protectors	ETP-505M	Ask	90	50kV 0.5kVA 2.5class 30/60kV scale (Peak Hold Pointer)
155	High Voltage Test Set for Insulation oil and Protectors	ETP-510	Ask	90	50kV 1.0kVA 1.5class 30/60kV scale
156	High Voltage Test Set for Insulation oil and Protectors	ETP-510M	Ask	90	50kV 1.0kVA 2.5class 30/60kV scale (Peak Hold Pointer)
158	Mobile type High Voltage test set for grounding rod	ETV-3	Ask	90	Available to measure leakage current of grounding rod to apply withstand voltage up to 50kV with ETP-505C
159	High Voltage Test Set for ETV-3	ETP-505C	Ask	90	Option for ETV-3 Up to 50kV 0.5kVA

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162	<Portable AC Test Equipment>				
163	Single-phase Phase Regulator	PHU-100	683,000	120	300V100VA 30A100VA MAX
164	Single-phase Phase Regulator	PHU-300	774,000	120	300V100VA 100A300VA MAX
165	Single-phase Current Regulator	CCU-1000	702,000	120	100A MAX 1kVA(30 min.) 500VA(Sequential)
166	Three-phase Voltage Regulator	VBV-100	643,500	120	
167	Three-phase Voltage Regulator	VBV-300	767,000	120	3P4W/3P3W 300VA
168	<Heavy Current Regulator>				
169	1000A Class	PLB-1000	1,723,000	120	0-240(Sequential), 0-1000(Duty time : 10 minutes), 0-1200A 1200VA MAX(Duty time : 5minutes) with CT
170	5000A Class	HCR-5040B	8,600,000	120	0-5000A 40kVA (Duty time : 10 minutes) with CT and time counter
171	20000A Class	DT-200200		120	0-20000A 200kVA (Duty time : 10 minutes)
172	Polarity Checker	PC-1C II	270,000	10	For polarity check of Current transformer, Potential transformer & etc., LED indication
173	Earthing Resistance Tester	ERT-1	1,094,000	90	
175	Solenoid Valve Operation Test set	TZ-92		120	Available for both AC and DC solenoid valve testing at field
177	<Slide Transformer/Constant-voltage power supply>				
178	Slide Transformer 1φ	ES-110			Input voltage : 1φ 100V Output : 0~130V/10A
179	Slide Transformer 1φ	ES-120			Input voltage : 1φ 100V Output : 0~130V/20A
180	Slide Transformer 1φ	ES-210			Input voltage : 1φ 200V Output : 0~240V/10A
181	Slide Transformer 1φ	ES-220			Input voltage : 1φ 200V Output : 0~240V/20A
182	Slide Transformer 1φ	ES-230			Input voltage : 1φ 200V Output : 0~240V/30A
183	Slide Transformer 3φ V-connection	TVE-210			Input voltage : 3φ 200V Output : 0~240V/10A
184	Slide Transformer 3φ V-connection	TVE-220			Input voltage : 3φ 200V Output : 0~240V/20A
185	Slide Transformer 3φ Y-connection	TE-210			Input voltage : 3φ 200V Output : 0~240V/10A
186	Slide Transformer 3φ Y-connection	TE-220			Input voltage : 3φ 200V Output : 0~240V/20A
187	Slide Transformer 3φ Y-connection	TE-230			Input voltage : 3φ 200V Output : 0~240V/30A
188	Constant-voltage power supply	VSA-01	114,600		Input voltage : 85~115V Output : 100V/10A
189	Constant-voltage power supply	VSA-02	181,800		Input voltage : 85~115V Output : 100V/20A
190	Constant-voltage power supply	VSA-03	248,400		Input voltage : 85~115V Output : 100V/30A
191	Constant-voltage power supply	VSA-04	734,400		Input voltage : 85~115V Output : 100V/100A
192	Constant-voltage power supply	VSA-05			Input voltage : 175~230V Output : 200V/150A
193	Constant-voltage power supply	VSA-06			Input voltage : 175~230V Output : 200V/300A
	Watt-hour Meter Test Board				Ask ! Be manufactured upon order
	Instrument Transformer Test Board				Ask ! Be manufactured upon order
	Power Supply Equipment				Ask ! Be manufactured upon order